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United States Patent [19]

Lewis

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[54] **CONTROLLED RELEASE OF ANTIPARASITIC AGENTS IN ANIMALS**

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[*] Notice: The term of this patent shall not extend beyond the expiration date of Pat. No. 5,686,092.

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Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 374,439, Jan. 19, 1995, abandoned, which is a continuation-in-part of Ser. No. 981,082, Nov. 24, 1992, abandoned, which is a division of Ser. No. 523,249, May 15, 1990, Pat. No. 5,288,496.

[51] **Int. Cl.**^{6} **A61F 2/00**

[52] **U.S. Cl.** **424/426**; 424/422; 424/424; 424/425; 424/486; 424/489; 424/499

[58] **Field of Search** 424/426, 422, 424/424, 425, 486, 489, 499

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[57] **ABSTRACT**

A delivery system for providing antiparasitic agents to animals is provided and a method of treating parasitic infections in animals using such delivery systems is described. The delivery system is particularly useful for treatment with avermectins and milbemycins in lactide/glycolide polymeric matrices.

29 Claims, No Drawings